CIVIL TECH LABS

Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer,
Kodigehalli Sub Division,
BBMP.

03rd March 2015

Dear Sir,

Sub: Testing of Materials.

As requested, tests on physical properties were carried out for the Materials supplied by you, for the work of **'Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS
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TEST REPORT

TEST ON STEEL ANGLES 65x65x6mm

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of the Agency	Sri. Samba Shiva
Date of Testing	03/03/2015

Sl.No.	Description	Result	IS 2062-1999 & 808-1989 Min. Requirements	Remarks
1	Wt/m Length (Kg/m)	5.9	5.8	Satisfactory
2	Elongation (%)	25	23	Satisfactory
3	U T S (N/Sq.mm)	420	410	Satisfactory

AE-7

Note:

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Lab Incharge
Civil Tech Labs

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TEST REPORT

GAUGE TEST ON CHAIN LINK GAUGE-8

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of the Agency	Sri. Samba Shiva
Date of Testing	03/03/2015

A8-7

Gauge Test			
Guage	**Measured Thickness in mm**	**Min. As Per IS : 1136-2008 in mm**	**Remarks**
8	4.11	**4.11**	**Satisfies The Requirement**

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TEST REPORT

GAUGE TEST ON M.S.PIPE Nominal Size 38mm

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of the Agency	Sri. Samba Shiva
Date of Testing	03/03/2015

A&-7

1

Gauge Test				
Nominal Size in mm	**Guage**	**Measured Thickness in mm**	**Min. As Per IS : 1136-2008 in mm**	**Remarks**
38	**14**	1.99	**1.99**	**Satisfies The Requirement**

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TEST REPORT

GRADATION TEST ON COARSE AGGREGATES 40mm ↓ Graded

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of Agency	Sri. Samba Shiva
Date of Testing	03/03/2015
Specific Gravity	**2.68**
Water Absorption	**0.27%**
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2011), IS : 2386 (Part III)–1963 (Reaffirmed 2011)

AE-7

IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)	Remarks
80	**100**	100	**Satisfies the requirement**
40	**97.6**	95-100	
20	**54.2**	30-70	
10	**23.6**	10-35	
4.75	**4.1**	0-5	

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TEST REPORT

GRADATION TEST ON FINE AGGREGATES

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of Agency	Sri. Samba Shiva
Date of Testing	03/03/2015
Specific Gravity	**2.58**
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2011), IS : 2386 (Part III)–1963 (Reaffirmed 2011)

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)				Grading Zone	Remarks
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV		
River Sand	10	**100**	100	100	100	100	II	Satisfies the requirement
	4.75	**98.4**	90-100	90-100	90-100	95-100		
	2.36	**86.5**	60-95	75-100	85-100	95-100		
	1.18	**75.4**	30-70	55-90	75-100	90-100		
	0.6	**48.3**	15-34	35-59	60-79	80-100		
	0.3	**27.4**	5-20	8-30	12-40	15-50		
	0.15	**7.5**	0-10	0-10	0-10	0-15		

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Lab Incharge
Civil Tech Labs

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TEST REPORT

TEST ON CEMENT

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of the Agency	Sri. Samba Shiva
Date of Testing	03/03/2015

AE-1

Tests	**Test Method As Per IS & Apparatus**		**Results**		**Requirements As Per IS 8112:1989**	**Remarks**
	IS Code	**Method**	**Value**	**Unit**		
Initial Setting Time	**IS-4031 (Part-5) 1988**	VICAT	48	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	**IS-4031 (Part-5) 1988**	VICAT	486	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	**IS-4031 (Part-3) 1988**	LE-CHATELIER	3	mm	Not More Than 10 mm	Satisfies Requirement

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T-2654

To,

Assistant Executive Engineer,
Kodigehalli Sub Division,
BBMP.

13th April 2015

Dear Sir,

Sub: Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division. Testing of cubes – Reg.

AE-7

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Reports of the above.

Thanking you,

For Civil Tech Labs,

Khushboo

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP.
Name of Work	Providing chain link fencing in Sanjeevininagar & Gundajanaya temple opp. Govt land in ward no. 07, Byatarayanapura, Kodigehalli Sub Division.
Name of Agency	Sri. Samba Shiva
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

AE-7

1

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work	16/03/2015	13/04/2015	28	8.16	352	**15.64**	**15.82**
2					8.18	356	**15.82**	
3					8.21	360	**16.00**	

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Lab Incharge
Civil Tech Labs

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